

# NCAB Subcommittee Presentation

*Minority Health and Health Disparities Coding, Data Processing and Reporting at the NCI: **Opportunities for In-depth Analysis***

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# Outline of Presentation

- Facts about the Annual MHHD Reporting
- Update -- NCI FY '19 Reportable Portfolio and Trends in Funding
- Potential Utilities of Annual MHHD Reportable Portfolio
  - [Sample Analyses](#)

[Gap analysis/ [Populations and cancer sites](#); Advise on strategic priorities (NCI Mission), etc.]

- Current challenges in MHHD data collection and reporting
- Opportunities for improvement (NCI and NIH-wide)

# Facts about the MHHD Reports

- Congressionally mandated (HHS annually / biennial reviews)
- Financial (prorated budget; programmatic implications)
- **Intent/ Purpose** of the mandate (**Monitoring** of **Inclusion** in Federal programs; **Resources**/ “Equity” for minority health, health disparities, etc.)
- Specific Roles for the NIH (research/ scientific basis for definitions, etc.) PL 106-525
- Recommended reading: “*Unequal Burden of Cancer*”, IOM Report; “*NCI Response to the IOM Report*”, NIH/NCI

**Table 1: MHHD Funding by NCI DOCs for FY'18 and FY'19**

	FY'18 NCI Funding		FY'19 NCI Funding	
DOC	MH Funding	HD Funding	MH Funding	HD Funding
DCCPS	\$97,947,112	\$141,688,761	\$91,975,804	\$124,131,307
DCTD	\$92,504,431	\$123,556,612	\$66,281,341	\$89,123,266
CRCHD	\$87,738,416	\$87,885,751	\$85,959,560	\$91,020,132
CCR	\$11,808,484	\$13,666,536	\$18,668,609	\$20,868,313
CCT	\$23,617,208	\$26,979,870	\$22,913,167	\$24,698,339
DCEG	\$15,799,194	\$15,874,039	\$14,945,274	\$15,229,977
OHAM	\$22,260,832	\$22,635,397	\$21,684,071	\$22,015,179
DCP	\$12,701,017	\$14,066,870	\$15,105,385	\$15,998,433
SBIRDC	\$16,377,239	\$17,566,757	\$14,588,902	\$15,811,615
DCB	\$5,952,477	\$7,142,863	\$7,834,488	\$7,703,116
CSSI	\$353,414	\$353,414	\$68,905	\$109,920
<b>NCI Total</b>	<b>\$387,059,824</b>	<b>\$471,416,870</b>	<b>\$360,025,504</b>	<b>\$426,709,596</b>

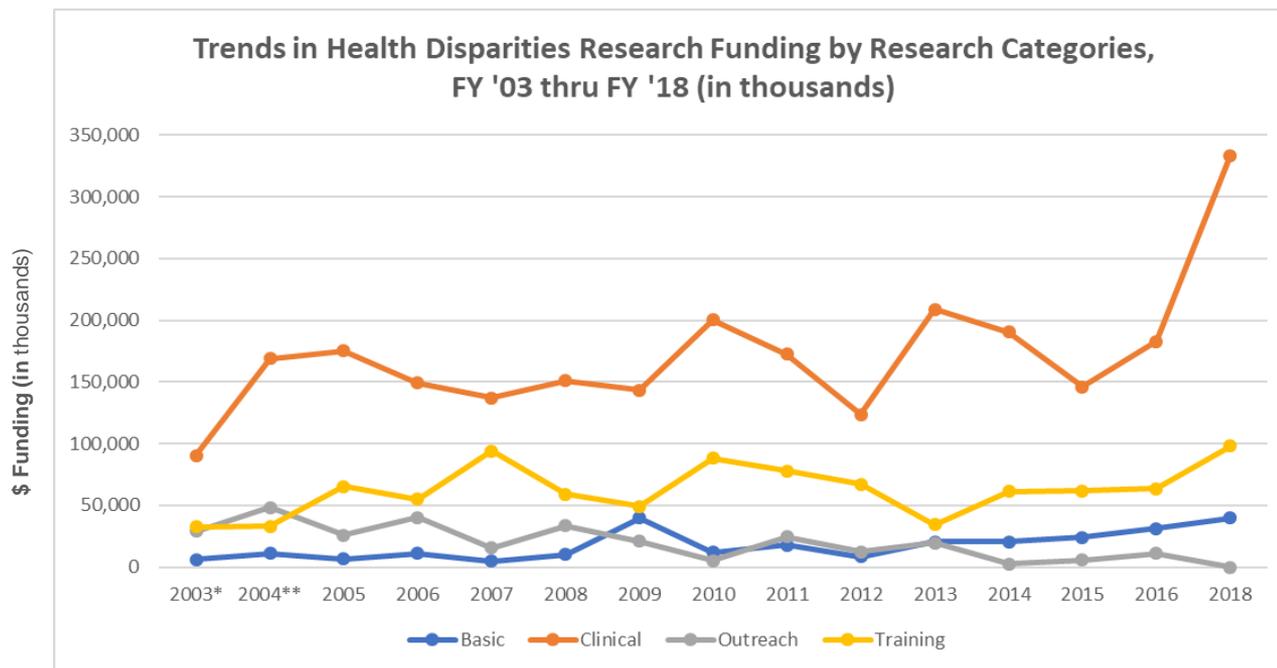
**Table 2: FY'19 NCI HD Funding by DOC and Research Category (Intramural/Extramural)**

<b>DOC</b>	<b>Basic</b>	<b>Clinical</b>	<b>Outreach</b>	<b>Training</b>	<b>TOTAL</b>
CCR	\$19,182,184	\$723,530		\$962,599	\$20,868,313
DCEG		\$15,229,977			\$15,229,977
<b>Intramural Sub-Total</b>	\$19,182,184	\$15,953,508		\$962,599	\$36,098,291
CCT				\$24,698,339	\$24,698,339
CRCHD	\$2,587,620	\$2,397,393	\$3,218,985	\$82,816,134	\$91,020,132
CSSI		\$109,920			\$109,920
DCB	\$7,703,116				\$7,703,116
DCCPS		\$124,131,307			\$124,131,307
DCP		\$15,998,433			\$15,998,433
DCTD	\$4,912,026	\$84,211,240			\$89,123,266
OHAM		\$22,015,179			\$22,015,179
SBIRDC	\$9,067,532	\$6,744,083			\$15,811,615
<b>Extramural Sub-Total</b>	\$24,270,294	\$255,607,554	\$3,218,985	\$107,514,472	\$390,611,306
<b>Total</b>	\$43,452,478	\$271,561,062	\$3,218,985	\$108,477,071	\$426,709,596

**Table 3: Trends in NCI Health Disparities (Non-ARRA) Funding by DOC, FY'15 through FY'19**

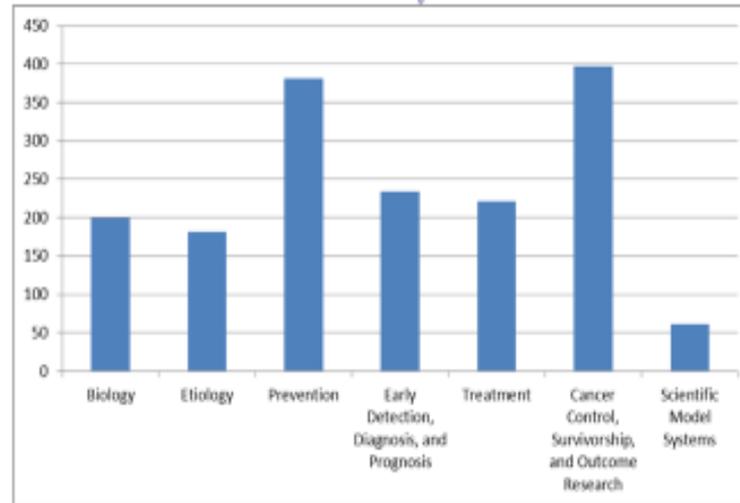
<b>(Actual Amounts in Dollars)</b>							
	<b>FY '15</b>	<b>FY'16</b>	<b>FY'17 *</b>	<b>FY'18</b>	<b>FY'19</b>	<b>% Change '18/'19</b>	<b>\$ Change</b>
<b>CCR</b>	13,141,041	13,824,251	N/A	13,666,536	20,868,313	53%	\$ 7,201,777
<b>CRCHD</b>	78,516,521	72,305,369	N/A	87,885,751	91,020,132	4%	\$ 3,134,381
<b>CSSI</b>	0	113,541	N/A	353,414	109,920	-69%	\$ (243,494)
<b>DCB</b>	4,795,579	8,308,863	N/A	7,142,863	7,703,116	8%	\$ 560,253
<b>DCCPS</b>	84,337,120	82,494,363	N/A	141,688,761	124,131,307	-12%	\$ (17,557,454)
<b>DCEG</b>	5,542,282	10,064,910	N/A	15,874,039	15,229,977	-4%	\$ (644,062)
<b>DCP</b>	19,573,627	11,982,080	N/A	14,066,870	15,998,433	14%	\$ 1,931,563
<b>DCTD</b>	10,929,519	50,286,426	N/A	123,556,612	89,123,266	-28%	\$ (34,433,346)
<b>CCT</b>	0	0	N/A	26,979,870	24,698,339	-8%	\$ (2,281,531)
<b>OHAM</b>	7,435,800	25,527,960	N/A	22,635,397	22,015,179	-3%	\$ (620,218)
<b>OOD/SBIR</b>	13,472,790	14,149,707	N/A	17,566,757	15,811,615	-10%	\$ (1,755,142)
<b>Grand Total (FY)</b>	<b>\$237,744,279</b>	<b>\$289,057,470</b>	<b>\$344,605,693</b>	<b>\$471,416,870</b>	<b>\$426,709,596</b>	<b>-9%</b>	<b>\$ (44,707,274)</b>
<b>Annual NCI Budget</b>	\$4,950,000,000	\$5,214,701,000	\$5,689,329,000	\$5,964,800,000	\$6,043,800,000	1%	\$ 79,000,000
<b>% of NCI Budget</b>	<b>4.80%</b>	<b>5.54%</b>	<b>6.06%</b>	<b>7.90%</b>	<b>7.10%</b>	<b>-10%</b>	

# Trends Analysis



# Potential Utilities of MHD Reportable Portfolio: Gap Analysis, Priority Setting and Resource Allocation

2016 NCI MHD Research Portfolio:  
Areas of Research by CSO Code



N=1,405

NOTE: CSO codes not yet available for FY 2017 grants and contracts

# Opportunities for Improvement and In-depth Analysis

- Serious effort to **automate MHHD data collection and retrieval** across NIH (verification / validation by PDs still essential for data integrity);
- **Automated data retrieval/ interface with relevant data sources, e.g., HSS (accrual database)**;
- Possibility of “batch submission” – CRCHD has offered to work with the NIH RCDC/ MCS Team;
- **Retain NCI’s ability to collect data for internal uses (e.g., research categories, percentages and \$\$\$ for “disparities populations”, etc.)**;
- **Support in-depth analysis for NCI (e.g., cancer continuum research in specific “disparities populations” using CSO codes).**

# Sample In-depth Portfolio Analysis using MHHD Reportable Projects

*Thank You !!!*



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